In re Applicat		UNIT		ΓES PA	TENT AN	D TRADEM	IARK OF	FICE	RECE JUN TECHC
tile:				C HYDI	ROCARBO	N INDUCED	MOLECI	пъс	RECI
Serial No.:	09/838,044				Filing		April 18, 2	001	JUM
Examiner:	Nguyen, Q.				Group	Art Unit:	1636		TECH C
Commissioner f Washington, D.			T'D A N	i cm to		CITIDIO			COPY OF F ORIGINALL
Sir:	nitted herewith a				<u> FAL FEE</u>				
The fee	has been calcul	ated as	shown be	elow.		504 2 5 00	Sality (Additional Fee(s)
Total	8		39				Fee		
	1	†:+	3	╁	0	x \$18.00 x \$84.00		S	0
Indep.	esentation of Multiple	Depende	ut Claims			+ \$280.00		\$	0
-							Total Fee:	\$	0
First Pr	lo additional Fee	-							
First Pr	lo additional Fee	-		o. 09-01	08 in the ar	nount of :			\$

3160 Porter Drive

Palo Alto, California 94304

Phone: (650) 855-0555

Fax: (650) 845-4166

David G. Streeter, Ph.D. Reg. No. 43,168

Direct Dial Telephone: (650) 845-5741

cket No.: PB-0011-1 DIV

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Box Non-Fee amendment Commissioner for Patents, Washington, D.C. 20231 on May 20, 2002

Ву:

Printed: Katherine Stofer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

JUN 1 0 2002

TECH CENTER 1600/290

n re Application of:

Kaser et al.

Title:

POLYCYCLIC AROMATIC HYDROCARBON INDUCED MOLECULES

Serial No.:

09/838,044

Filing Date:

April 18, 2001

Examiner:

To Be Assigned

Group Art Unit:

1646

COPY OF PAPERS ORIGINALLY FILED

Box Non-Fee Amendment

Commissioner for Patents Washington, D.C. 20231

RESPONSE TO RESTRICTION REQUIREMENT UNDER 35 U.S.C. 121

Sir:

This paper is responsive to the Restriction Requirement and Request for Election dated April 23, 2002, setting a one (1) month term for response. Prior to examination of the application, please amend the specification of the above-identified application as listed below.

IN THE SPECIFICATION

Please replace the paragraph beginning at page 8, line 16, with the following rewritten paragraph:

Table 1 shows the nucleic acid molecules present in benzo(a)pyrene-treated rat liver and absent in untreated rat liver, SEQ ID NOs:9-13, and their human homologs, SEQ ID NOs:1-5. Columns 1 and 2 list the SEQ ID NO and Incyte ID number, respectively, for each rat nucleic acid molecule, SEQ ID NOs:9-13, present in benzo(a)pyrene-treated liver and absent in untreated liver. These nucleic acid molecules were used to identify the human nucleic acid molecules shown in columns 3 and 4. Columns 3 and 4 list the SEQ ID NO and Incyte ID number, respectively, for each human nucleic acid molecule. Column 5 shows exemplary unique fragments of SEQ ID NOs:1-5. Such fragments of SEQ ID NOs:1-5 are useful in hybridization or amplification technologies to identify changes in expression pattern of the same or similar sequences. Column 6 shows the sequence identity between the rat nucleic acid molecule in column 1 and the corresponding human nucleic acid molecule in column 3. Column 7 identifies the

A

1